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OM protein - protein search, using sw model

Run on: March 17, 2003, 16:40:47 : Search time 14 Seconds
(without alignments)
855.996 Million cell updates/sec

Title: Perfect score: US-09-840-243B-11

Scoring table: MELTQPAEDIQTOQTQTPASE.....VIENHILKUFOQSNLVPADPE 260

Sequence: Gapop 10.0 , Gapext 0.5

Searched: 199416 seqs, 46092074 residues

Total number of hits satisfying chosen parameters: 199416

Minimum DB seq length: 0

Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Published Applications AA:*

1: /cggn2_6/prodata/1/pupbaa/US08 NEW PUB_pep: *
2: /cggn2_6/prodata/1/pupbaa/PCT_NEW_PUB_pep: *
3: /cggn2_6/prodata/1/pupbaa/US06 NEW PUB_pep: *
4: /cggn2_6/prodata/1/pupbaa/US06_PUBCOMB_pep: *
5: /cggn2_6/prodata/1/pupbaa/US07 NEW PUB_pep: *
6: /cggn2_6/prodata/1/pupbaa/US07_PUBCOMB_pep: *
7: /cggn2_6/prodata/1/pupbaa/PTCTNS_PUBCOMB_pep: *
8: /cggn2_6/prodata/1/pupbaa/US08_PUBCOMB_pep: *
9: /cggn2_6/prodata/1/pupbaa/US09 NEW PUB_pep: *
10: /cggn2_6/prodata/1/pupbaa/US09_PUBCOMB_pep: *
11: /cggn2_6/prodata/1/pupbaa/US10 NEW PUB_pep: *
12: /cggn2_6/prodata/1/pupbaa/US10_PUBCOMB_pep: *
13: /cggn2_6/prodata/1/pupbaa/US60 NEW PUB_pep: *
14: /cggn2_6/prodata/1/pupbaa/US60_PUBCOMB_pep: *

pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match Length	DB ID	Description
1	1341	100.0	260	9 US-09-840-243B-11 Sequence 11, Appl
2	1341	100.0	260	9 US-09-840-243B-11 Sequence 12, Appl
3	113.9	83.0	269	9 US-09-840-243B-13 Sequence 13, Appl
4	561.5	41.9	220	9 US-09-840-243B-18 Sequence 18, Appl
5	542.5	40.5	218	9 US-09-840-243B-19 Sequence 19, Appl
6	196.5	49.2	49	10 US-09-864-761-47859 Sequence 47859, A
7	14.7	55.1	10	10 US-09-835-788A-17 Sequence 17, Appl
8	192	14.3	740	10 US-09-835-788A-12 Sequence 12, Appl
9	191	42.6	70	10 US-09-908-711-70 Sequence 70, Appl
10	187	13.9	673	10 US-09-841-835-8 Sequence 8, Appl
11	187	13.9	949	10 US-09-841-835-10 Sequence 10, Appl
12	187	9.3	1327	9 US-09-972-115A-8 Sequence 8, Appl
13	187	13.9	10	10 US-09-841-835-2 Sequence 2, Appl
14	185	285	18	10 US-09-835-788A-18 Sequence 18, Appl
15	185	17.4	9	10 US-09-964-899-43 Sequence 43, Appl
16	175	328	10	10 US-09-758-593A-11 Sequence 11, Appl
17	175	13.0	328	10 US-09-758-593A-12 Sequence 12, Appl
18	175	13.0	435	9 US-09-33-299-56 Sequence 55, Appl
19	173	12.9	329	10 US-09-880-122-62 Sequence 62, Appl

ALIGNMENTS

RESULT 1
US-09-840-243B-11
; Sequence 11, Application US/09840243B
; Patent No. US20020156258A1
; GENERAL INFORMATION:
; APPLICANT: MASTERNAK, Krzysztof
; APPLICANT: REITH, Walter
; APPLICANT: MACH, Bernhard
; TITLE OF INVENTION: New Transcription Factor of MHC Class II Genes, Substances Capable of Inhibiting This New Transcription Factor and Their Use
; TITLE OF INVENTION: Capable of Inhibiting This New Transcription Factor and Medical Uses of These Substances
; FILE REFERENCE: 01083-117
; CURRENT APPLICATION NUMBER: US/09/840-243B
; CURRENT FILING DATE: 2001-04-24
; PRIORITY APPLICATION NUMBER: EP 98120085.0
; PRIORITY FILING DATE: 1998-10-24
; NUMBER OF SEQ ID NOS: 22
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 11
; LENGTH: 260
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-09-840-243B-11

Query Match Score: 100.0%; Score: 1341; DB 9; Length: 260;
Best Local Similarity 100.0%; Pred. No. 1.2e-113; Mismatches 0; Indels 0; Gaps 0;

Matches 260; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MELTQPAEDIQTOQTQTPASELGDPPDCEEAADGSDTVLSIPLPCTPEVNPEPDASVSS 60
Db 1 MELTQPAEDIQTOQTQTPASELGDPPDCEEAADGSDTVLSIPLPCTPEVNPEPDASVSS 60
Db 1 MELTQPAEDIQTOQTQTPASELGDPPDCEEAADGSDTVLSIPLPCTPEVNPEPDASVSS 60
Qy 121 DBERGFTPLIWAISAPGEETEVTFLLEWGAHDPHILAKERISALSASTGGYDIVILLERD 180
Db 121 DBERGFTPLIWAISAPGEETEVTFLLEWGAHDPHILAKERISALSASTGGYDIVILLERD 180
Qy 61 POAGSSIKHSTLTLNRORGNEVSALPATLDSIHLQAQELDQLKELRKGNLVNP 120
Db 61 PQAGSSIKHSTLTLNRORGNEVSALPATLDSIHLQAQELDQLKELRKGNLVNP 120
Qy 181 VDINITDWNGGPPPLYAVRGNTVCKVELLARGADLTBEADSGYTPMDLAVALGSRKVQQ 240

Db 181 VDINYDWNGGTPPLYAVRGHNVKCVEAELLARGADLTTEADSGYTPMDLAVALGYRKVQQ 240

Qy 241 VIENHILKLFOSNLVADPE 260

Db 241 VIENHILKLFOSNLVADPE 260

RESULT 2

US-09-840-243B-12

; Sequence 12, Application US/09840243B

; Patent No. US20020156258A1

; GENERAL INFORMATION:

; APPLICANT: REITH, Walter

; APPLICANT: MASTERNAK, Krzysztof

; TITLE OF INVENTION: New Transcription Factor of MHC Class II Genes, Substances

; TITLE OF INVENTION: Capable of Inhibiting This New Transcription Factor and

; FILE REFERENCE: 010830-117

; CURRENT APPLICATION NUMBER: US/09/840, 243B

; CURRENT FILING DATE: 2001-04-24

; PRIOR APPLICATION NUMBER: EP 98120085.0

; PRIOR FILING DATE: 1998-10-24

; NUMBER OF SEQ ID NOS: 22

; SOFTWARE: PatentIn Ver. 2.1

; SEQ ID NO: 12

; LENGTH: 260

; TYPE: PRT

; ORGANISM: Homo sapiens

US-09-840-243B-12

Query Match 100.0%; Score 1341; DB 9; Length 260;

Best Local Similarity 100.0%; Pred. No. 1_2e-113; Matches 260; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MELTOPADELIQTQTPASELGDPPEDGEEAADGSDTVLSLFRCTPERVNPERDAVSS 60

Db 1 MELTOPADELIQTQTPASELGDPPEDGEEAADGSDTVLSLFRCTPERVNPERDAVSS 60

Qy 61 POASSSLKHSHTLTNRQNGNEVSALPATLDSLTHOLAAQEGDOLKEHURK----- 112

Db 61 POASSSLKHSHTLTNRQNGNEVSALPATLDSLTHOLAAQEGDOLKEHURK----- 112

Qy 113 -GDNLVNKPDERGFTPLIWAARGEIEVTFLWGAQPHILAKERESALSLASTGGT 170

Db 120 LSGNNLINKPDERGFTPLIWAARGEIEVTFLWGAQPHILAKERESALSLASNGYT 179

Qy 171 DIVGLLIERDVIDNITYDNGGTPPLYAVRGHNVKCVEAELLARGADLTTEADSGYTPMDLA 230

Db 180 DTVRLIILDRDVINITYDNGGTPPLYAVRGHNVKCVEAELLARGADLTTEADSGYTPMDLA 239

Qy 231 VALGYRKVQVQVIENHILKLFOSNLVADPE 260

Db 240 VALGYRKVQVQVIENHILKLFOSNLVADPE 269

RESULT 4

US-09-840-243B-1B

; Sequence 18, Application US/09840243B

; Patent No. US20020156258A1

; GENERAL INFORMATION:

; APPLICANT: MASTERNAK, Krzysztof

; APPLICANT: REITH, Walter

; TITLE OF INVENTION: New Transcription Factor of MHC Class II Genes, Substances

; TITLE OF INVENTION: Capable of Inhibiting This New Transcription Factor and

; FILE REFERENCE: 010830-117

; CURRENT APPLICATION NUMBER: US/09/840, 243B

; CURRENT FILING DATE: 2001-04-24

; PRIOR APPLICATION NUMBER: EP 98120085.0

; PRIOR FILING DATE: 1998-10-24

; NUMBER OF SEQ ID NOS: 22

; SEQ ID NO: 18

; LENGTH: 220

; TYPE: PRT

; ORGANISM: Homo sapiens

FEATURE:

NAME/KEY: MISC_FEATURE

LOCATION: (31)..(159)

OTHER INFORMATION: Xaa = any amino acid.

US-09-840-243B-1B

Query Match 41.9%; Score 561.5; DB 9; Length 220;

Best Local Similarity 55.1%; Pred. No. 2.7e-43; Matches 119; Conservative 27; Mismatches 61; Indels 9; Gaps 4;

Qy 37 TWVLISLFRCTPEPVNPEDAVS-----SSPQAGSSLKHSHTLTNRQNGNEVSALPATLDSLTHOLAAQEGDOLKEHURK----- 90

Db 7 TTVFVHLABCNH-TSPSGIQVRHVXTSTTHKSPIKOSTTINHRGVIVSTTPLAN 65

Qy 91 SISIHOOLAAQEGDOLKEHURKKGDNLVNKPDERGFTPLIWAARGEIEVTFLWGAQPHILAKERESALSLASNGYT 150

Db 66 SISVHOLAAQEGMMLATRIO-ENVINTDEEGFTPLIWAHQIAVVEFLONGADP 124

RESULT 3

US-09-840-243B-13

; Sequence 13, Application US/09840243B

; Patent No. US20020156258A1

; GENERAL INFORMATION:

; APPLICANT: MASTERNAK, Krzysztof

; APPLICANT: REITH, Walter

; APPLICANT: MACH, Bernard

; TITLE OF INVENTION: New Transcription Factor of MHC Class II Genes, Substances

; TITLE OF INVENTION: Capable of Inhibiting This New Transcription Factor and

; FILE REFERENCE: 010830-117

; CURRENT APPLICATION NUMBER: US/09/840, 243B

; CURRENT FILING DATE: 2001-04-24

; PRIOR APPLICATION NUMBER: EP 98120085.0

; PRIOR FILING DATE: 1998-10-24

; NUMBER OF SEQ ID NOS: 22

QY 151 HILAKERBSAISLASTGGTYDVGILLERDUDINIVPQNGGTPLLYAVRGHVKCVAELL 210
 : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : :
 Db 125 QLIGKGRERSAISLACSLACSGYTDIVMLDCGVDVNXYDNGGTPLLYAVHGHNHVKCVMLL 184
 Qy 211 ARGADLTTEADSGYTPMDLAVALGYRKVQVHENI 246
 Db 185 ESGADPTIETDGSYNSMDLAVALGYIEVFNRLL-SHI 219

RESULT 5
 US-09-840-243B-19
 ; Sequence 19, Application US/09840243B
 ; GENERAL INFORMATION:
 ; Patent No. US20020156258A1
 ; APPLICANT: MASTERNAK, Krzysztof
 ; APPLICANT: REITH, Walter
 ; APPLICANT: MACH, Bernard
 ; TITLE OF INVENTION: New Transcription Factor of MHC Class II Genes, Substances
 ; TITLE OF INVENTION: Cable of Inhibiting This New Transcription Factor and
 ; FILE REFERENCE: 010830-117
 ; CURRENT APPLICATION NUMBER: US/09/840, 243B
 ; CURRENT FILING DATE: 2001-04-24
 ; PRIORITY APPLICATION NUMBER: EP 98120085.0
 ; PRIORITY FILING DATE: 1998-10-24
 ; NUMBER OF SEQ ID NOS: 22
 ; SOFTWARE: PatentIn Ver. 2.1
 ; SEQ ID NO 19
 ; LENGTH: 218
 ; TYPE: PRT
 ; ORGANISM: Murinae gen. sp.
 ; US-09-840-243B-19

Query Match 40.5%; Score 542.5; DB 9; Length 218;
 Best Local Similarity 58.9%; Pred. No. 1.e-41;
 Matches 112; Conservative 22; Mismatches 49; Indels 7; Gaps 2;

Qy 51 NPEPDASV-----SSPQAGSSLKHSHTTINRORGNEVSALPATLDSIHLAQAGELD 104
 : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : :
 Db 14 SPSPGIQVRHVVTPTSTKHFSPIKQSTTILNKHRGNEVSTTPLLANSIAHQLAQGEWL 73
 Qy 105 QLKHEHKRGDNLUVKPBERGFPLIWAASFGFETVTRFLLEWDGPRLAKERSAISLA 164
 : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : :
 Db 74 YLATRIOQ-ENVINTDDEGFTPLMWAAHQHQAVVEFLONGADPQLIGKGRESALSA 132
 Qy 165 STGGYDIVGLLERDIDINIWNGGTPLLYAVRGHVKCVAELLARGADLTTEADSGY 224
 : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : :
 Db 133 CSKGYDIVKMLDGVDVNEYWNGGTPPLYAVGHGNHVKCVMILENGADPTIETDSY 192

Query Match 19.2%; Score 257; DB 10; Length 49;
 Best Local Similarity 100.0%; Pred. No. 1e-16;
 Matches 49; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 225 TNDLAVALG 234
 Db 193 NSMDLAVALG 202

RESULT 6
 US-09-864-761-47859
 ; Sequence 47859, Application US/09864761
 ; Patent No. US20020048763A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Penn, Sharron G.
 ; APPLICANT: Rank, David R.
 ; APPLICANT: Hanzel, David K.
 ; APPLICANT: Chen, Wensheng
 ; TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR
 ; FILE REFERENCE: Aeomica-X-1
 ; CURRENT APPLICATION NUMBER: US/09/864, 761
 ; CURRENT FILING DATE: 2001-05-23
 ; PRIORITY APPLICATION NUMBER: US 60/180, 312
 ; PRIOR FILING DATE: 2000-02-04
 ; PRIORITY APPLICATION NUMBER: US 60/207, 456
 ; PRIOR FILING DATE: 2000-05-26
 ; PRIORITY APPLICATION NUMBER: US 69/632, 366

PRIOR FILING DATE: 2000-08-03
 PRIOR APPLICATION NUMBER: GB 24263.6
 PRIOR FILING DATE: 2000-10-04
 PRIOR APPLICATION NUMBER: US 60/236, 359
 PRIOR FILING DATE: 2000-09-27
 PRIOR APPLICATION NUMBER: PCT/US01/00666
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00667
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00664
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00669
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00665
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00668
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00670
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: US 60/234, 687
 PRIOR FILING DATE: 2000-09-21
 PRIOR APPLICATION NUMBER: US 09/608, 408
 PRIOR FILING DATE: 2000-06-30
 PRIOR APPLICATION NUMBER: US 09/774, 203
 PRIOR FILING DATE: 2001-01-29
 NUMBER OF SEQ ID NOS: 49117
 SOFTWARE: Amnonax Sequence Listing Engine vers. 1.1
 SEQ ID NO 47859
 LENGTH: 49
 TYPE: PRT
 ORGANISM: Homo sapiens
 FEATURE: OTHER INFORMATION: MAP TO AC002126.1
 OTHER INFORMATION: EXPRESSED IN HELA, SIGNAL = 1.9
 OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 2.5
 OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 1.7
 OTHER INFORMATION: EST HUMAN HIT: BE05633.1, EVALUE 3.00e-22
 OTHER INFORMATION: SWISSPROT HIT: O14593, EVALUE 2.00e-23
 US-09-864-761-47859

Query Match 19.2%; Score 257; DB 10; Length 49;
 Best Local Similarity 100.0%; Pred. No. 1e-16;
 Matches 49; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MELTOQAEDIQTQQTQASELGDPEPGEAADGSDPWWLSPFPCTPBP 49
 Db 1 MELTOQAEDIQTQQTQASELGDPEPGEAADGSDPWWLSPFPCTPBP 49

RESULT 7
 US-09-835-788A-17
 ; Sequence 17, Application US/09835788A
 ; Patent No. US2002007458A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Ni et al.
 ; TITLE OF INVENTION: Death Domain-Containing Receptor Polynucleotides, Polypeptides, a
 ; FILE REFERENCE: P1018P1
 ; CURRENT APPLICATION NUMBER: US/09/835, 788A
 ; CURRENT FILING DATE: 2001-04-17
 ; PRIORITY APPLICATION NUMBER: PCT/US00/28666
 ; PRIORITY FILING DATE: 2000-10-17
 ; PRIORITY APPLICATION NUMBER: 60/159, 585
 ; PRIORITY FILING DATE: 199-10-18
 ; PRIORITY APPLICATION NUMBER: 60/167, 246
 ; PRIORITY FILING DATE: 199-11-24
 NUMBER OF SEQ ID NOS: 24

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; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO: 17
; LENGTH: 551
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-09-835-788A-17

Query Match 14.7%; Score 196.5; DB 10; Length 551;
Best Local Similarity 31.0%; Pred. No. 9.3e-10;
Matches 58; Conservative 27; Mismatches 65; Indels 37; Gaps 3;
QY 84 ALPAPLDSLSIHQL--AACGSDQDOLKEHLRKCDNLLNKPDERGFTPLIWAASAFGEIERTV 140
Db 27 ANPSVTGLYSVPIWAAAGRHHADIVHILLONGAK-MNCSDKYTTPLWAARKGHLCV 85
QY 141 RFLLEWGAD-----PHILAKERESALSLASTC 167
Db 86 KHLJAMGADYDQEGANSMTALIWAVKCGYTOVSKEIKRKNPNVLTDKGNTALMIAK 145
QY 168 GYTDIVGGLLERDVNDINYDMGGTPILYAVRGNNHVKVEALLARGADLTTEADSGYTPM 227
Db 146 GHTEIVQDUDLAGTVNIPDRSGPTVILGAVRGGHVETRALLQKYADIDRQDNKTA 205
QY 228 DLVALVG 234
Db 206 YWAVEKG 212

RESULT 8
US-09-835-788A-12

Sequence 12, Application US/09835788A
Patent No. US20020077458A1

GENERAL INFORMATION:
APPLICANT: Ni et al.
TITLE OF INVENTION: Death Domain-Containing Receptor Polynucleotides, Polypeptides, a
FILE REFERENCE: PTO18P1
CURRENT APPLICATION NUMBER: US/09/835, 788A
CURRENT FILING DATE: 2001-04-17
PRIOR APPLICATION NUMBER: PCT/US00/28666
PRIOR FILING DATE: 2000-10-17
PRIOR APPLICATION NUMBER: 60/159, 585
PRIOR FILING DATE: 1999-10-18
PRIOR APPLICATION NUMBER: 60/167, 246
PRIOR FILING DATE: 1999-11-24
NUMBER OF SEQ ID NOS: 24
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO: 12
LENGTH: 740
TYPE: PRT
ORGANISM: Homo sapiens
US-09-835-788A-12

Query Match 14.3%; Score 192; DB 10; Length 740;
Best Local Similarity 28.0%; Pred. No. 3.6e-09;
Matches 69; Conservative 32; Mismatches 89; Indels 56; Gaps 8;
QY 16 TPASBLGDPEDP----GEEAADGSDPDTVVLSPFCTBE-----PVNPEPD 55
Db 263 TPAQTLTDDLIANWSTRPTGGSNSSSQTECLPFBSCSQTSNVAQSMPVVPSVD 322
QY 56 ASVSSPQQSSLKHSTLTNRQNGNEVSALPATLDSLSIHQLAAQGELDQLEHLRKCDN 115
Db 323 I-----DAHTESNHDTALT-----LACAGGHEELVSLIARDA 355
QY 116 LVNKPDERGTPLIMASAFGEIETVFLLEWGPADPHILA-KERESALSLASTGGYTDV 174
Db 356 KIEHRDKKGFTPLIATAGHGVWEILLDKGDIBAQSOERTKDPPLACSGQRQEVVD 415
QY 175 LLERDWD---INIVDNGGIPLLYAVRGNNHVKCVAELLARGADLTTEADS-GYTPMDL 229
Db 416 LLRARGANKENHRNVDY--TPLSLAASGGVYNIKILINAGAEINRGTGSKUGISPLML 472

RESULT 9
US-09-908-711-70
Sequence 70, Application US/09908711
Patent No. US2002005230A1

GENERAL INFORMATION:
APPLICANT: Rosen et al.
TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
FILE REFERENCE: PA28
CURRENT APPLICATION NUMBER: US/09/908, 711
CURRENT FILING DATE: 2001-07-20
PRIOR APPLICATION NUMBER: US01/01360
PRIOR FILING DATE: 2001-01-17
PRIOR APPLICATION NUMBER: 09/764, 867
PRIOR FILING DATE: 2001-01-17
PRIOR APPLICATION NUMBER: 09/764, 888
PRIOR FILING DATE: 2001-01-17
PRIOR APPLICATION NUMBER: US01/01329
PRIOR FILING DATE: 2001-01-17
PRIOR APPLICATION NUMBER: 09/764, 905
PRIOR FILING DATE: 2001-01-17
PRIOR APPLICATION NUMBER: US01/01354
PRIOR FILING DATE: 2001-01-17
PRIOR APPLICATION NUMBER: 09/764, 891
PRIOR FILING DATE: 2001-01-17
PRIOR APPLICATION NUMBER: US01/01339
PRIOR FILING DATE: 2001-01-17
PRIOR APPLICATION NUMBER: 09/764, 869
PRIOR FILING DATE: 2001-01-17
PRIOR APPLICATION NUMBER: US01/01340
PRIOR FILING DATE: 2001-01-17
PRIOR APPLICATION NUMBER: 09/764, 874
PRIOR FILING DATE: 2001-01-17
PRIOR APPLICATION NUMBER: US01/01334
PRIOR FILING DATE: 2001-01-17
PRIOR APPLICATION NUMBER: 09/764, 898
PRIOR FILING DATE: 2001-01-17
PRIOR APPLICATION NUMBER: US01/01320
PRIOR FILING DATE: 2001-01-17
PRIOR APPLICATION NUMBER: 09/764, 853
PRIOR FILING DATE: 2001-01-17
PRIOR APPLICATION NUMBER: US01/01349
PRIOR FILING DATE: 2001-01-17
PRIOR APPLICATION NUMBER: 09/764, 902
PRIOR FILING DATE: 2001-01-17
PRIOR APPLICATION NUMBER: US01/01239
PRIOR FILING DATE: 2001-01-17
PRIOR APPLICATION NUMBER: 09/764, 870
PRIOR FILING DATE: 2001-01-17
PRIOR APPLICATION NUMBER: US01/01348
PRIOR FILING DATE: 2001-01-17
PRIOR APPLICATION NUMBER: 09/764, 882
PRIOR FILING DATE: 2001-01-17
PRIOR APPLICATION NUMBER: US01/01347
PRIOR FILING DATE: 2001-01-17
PRIOR APPLICATION NUMBER: 09/764, 896
PRIOR FILING DATE: 2001-01-17
PRIOR APPLICATION NUMBER: US01/01307
PRIOR FILING DATE: 2001-01-17
PRIOR APPLICATION NUMBER: 09/764, 864
PRIOR FILING DATE: 2001-01-17
PRIOR APPLICATION NUMBER: US01/01341
PRIOR FILING DATE: 2001-01-17

```


APPLICANT: Smith, Susan
 TITLE OF INVENTION: A PROTEIN THAT BINDS TO TRF1 AND METHODS
 TITLE OF INVENTION: OF USE THEREOF
 NUMBER OF SEQUENCES: 12
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Klauber & Jackson
 STREET: 411 Hackensack Avenue, 4th Floor
 CITY: Hackensack
 STATE: New Jersey
 COUNTRY: USA
 ZIP: 07601
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patentin Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/841,835
 FILING DATE:
 CLASSIFICATION:
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 09/196,387
 FILING DATE:
 ATTORNEY/AGENT INFORMATION:
 NAME: Jackson Esq., David A.
 REGISTRATION NUMBER: 26,742
 REFERENCE/DOCKET NUMBER: 600-1-230 CPI
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 201-487-5800
 TELEFAX: 201-343-1684
 TELEX: 133521
 INFORMATION FOR SEQ ID NO: 10:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 949 amino acids
 TYPE: amino acid
 TOPOLOGY: linear
 MOLECULE TYPE: protein
 ;US-09-841-835-10

Query Match 13.9%; Score 187; DB 10; Length 949;
 Best Local Similarity 24.3%; Pred. No. 1.5e-08; Mismatches 112; Indels 76; Gaps 9;
 Matches 72; Conservative 36; Mismatches 112; Indels 76; Gaps 9;

Qy 18 ASELGDPEDPGEAADGSDTV-VLSIFPCTEPVNPPDASVSSPOAGSSLKHSITLNR 76
 Db 137 SSSSSPSSPSSLAESPEAGVSSTAPLG-GAAGP---GTGVPAVSGALRE--LAEA 189
 Qy 77 QRGNVNSALPATLDSI-----HOLAACQELDOLKEHHRKGDNLYNKKPDER 123
 Db 190 CRNGDVSRRKLVDAAANNAKDMAGRKSPLHFAAGFGRKDVLVEHLQMGAN VHARDGC 248
 Qy 124 GFTPLIWAFAEGEIEYVFL-----EW-----GADP 150
 Db 249 GLIPLHNACSGFGHAEVVSLLLCQGADPNARDNNWNTPLHEATRGKIDCVILQLQGADP 308
 Qy 151 HILAKERESALISLAS-----TGGY-----TDIVGLLIERDVINIYRN 189
 Db 309 NIRNTDGKSALDLADSSAKAVITGEYKDELLEAARSNCNEEKUMALLTPLNVNCHASDR 368
 Qy 190 GGTPPLIYAVRGHKVCWEALLARGADITTEADSGYTPNDLAVALGYRKQQVHN 245
 Db 369 KSTPLHLAGYNVRIVQULLQHGDVHAKDKGGLVPLHNACSYGHYETELLKH 424

RESULT 13
 US-09-841-835-2
 Sequence 2, Application US/09/841,835
 ; Patent No. US20020076795A1
 ; GENERAL INFORMATION:
 ; APPLICANT: de Lange, Titia
 ; APPLICANT: Smith, Susan
 ; TITLE OF INVENTION: A PROTEIN THAT BINDS TO TRF1 AND METHODS
 ; NUMBER OF SEQUENCES: 12
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Klauber & Jackson
 ; STREET: 411 Hackensack Avenue, 4th Floor
 ; CITY: Hackensack
 ; STATE: New Jersey
 ; COUNTRY: USA
 ; ZIP: 07601
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patentin Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/841,835
 FILING DATE:
 CLASSIFICATION:
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 09/196,387
 FILING DATE:
 ATTORNEY/AGENT INFORMATION:
 NAME: Jackson Esq., David A.
 REGISTRATION NUMBER: 26,742

RESULT 12
 US-09-972-115A-8
 Sequence 8, Application US/09/972115A
 Publication No. US20030072769A1
 GENERAL INFORMATION:
 APPLICANT: Geron Corporation
 APPLICANT: Gregg, Morin B.
 APPLICANT: Walter, Funk D.
 APPLICANT: Mieczyslaw, Piatyszek A.

REFERENCE/DOCKET NUMBER: 600-1-230 CIRI
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 201-487-5800
 TELEFAX: 201-343-1684
 TELEX: 133521

INFORMATION FOR SEQ ID NO: 2:

SEQUENCE CHARACTERISTICS:
 LENGTH: 11327 amino acids
 STRANDEDNESS: single
 TOPOLogy: linear
 MOLECULE TYPE: protein
 HYPERLINK: NO

RESULT 15
 US-09-841-835-2

Query Match 13.9%; Score 187; DB 10; Length 1327;
 Best Local Similarity 24.3%; Pred. No. 2.3e-08; Mismatches 112; Indels 76; Gaps 9;

Matches 72; Conservative 36; Mismatches 112; Indels 76; Gaps 9;

QY 18 ASELGDPDPGEAADGSDTV-VISLFPCTPEPVNPEDPDAVSSPQAGSSLKHSTTLTNR 76
 Db 137 SSSSSSPSPGSSLAESPEAGVSSTAPLPGGAAGP---GTGVFAVGALRE---ILLEA 189

QY 77 ORGNEVALSAPATLUSI-----HQLAQGEEDQKLHKIRKGDNVLWKDER 123
 Db 190 CRNGDVSRYKRLVIAANVNAKDMAGRKKSPHLFAAGPRGRKDVKVEHILQMAN-HIARDG 248

QY 124 GFPPLIWAASFGETETVRELL-----EW-----GADP 150
 Db 249 GLIPLHNACSPFGHAEVVISLLCQGADPNRDNWVTPHLAAIKKIDVIVLQHGD 308

QY 151 HILAKERESALIAS-----TGYY-----TDIVGLLERDVIDNIYDW 189
 Db 309 NIRNTNDGSLDAPSAAKAVLGEYKOBLEARSGNEBKLMALLPTLNVNCHASDGR 368

QY 190 GGTPLLYLVVRGNHYKVCVALLARGADLTTEADSGTPMPLALAVAGYRKYQVIENH 245
 Db 369 KOTPLHLAGYNRVRIQVULLQHADVHAKDKGGLVPLHNACSYGHYEVTELLKGH 424

RESULT 14
 US-09-835-788A-18

; Sequence 18, Application US/09835788A
 ; Patent No. US20020077458A1

GENERAL INFORMATION:

APPLICANT: Ni et al.

TITLE OF INVENTION: Death Domain-Containing Receptor Polynucleotides, Polypeptides, and Antibodies

FILE REFERENCE: PTO18P1

CURRENT APPLICATION NUMBER: US/09/835,788A

CURRENT FILING DATE: 2001-04-17

PRIOR APPLICATION NUMBER: PCT/US00/28666

PRIOR FILING DATE: 2000-10-17

PRIOR APPLICATION NUMBER: 60/159,585

PRIOR FILING DATE: 1999-10-18

PRIOR APPLICATION NUMBER: 60/167,246

PRIOR FILING DATE: 1999-11-24

NUMBER OF SEQ ID NOS: 24

SOFTWARE: PatentIn Ver. 2.0

SEQ ID NO 18

LENGTH: 285

TYPE: PRT

ORGANISM: Homo sapiens

US-09-835-788A-18

Query Match 13.8%; Score 185; DB 9; Length 1724;
 Best Local Similarity 30.4%; Pred. No. 5.2e-08; Mismatches 65; Indels 2; Gaps 2;

Matches 45; Conservative 36; Mismatches 65; Indels 2; Gaps 2;

QY 98 AACGEEDQKLHKIRKGDNVLWKDEREFTPLIWAASFGETETVRELLWGADEPHILAKER 157
 Db 11 ARAGHILKADYKINGVD-INICQNLNALHASKBKGHEVVELOREANYDAATKRG 69

QY 158 ESALSLASTGGTYDVILLERDVIDNIYDWGCTPLIYAVRGNHVCKVEALLARGADLT 217
 Db 70 NTALHTIASLAGAEEVVKLYTINGANVNAQSONGFTPLYMAAQNENHLEVVKFLDNGASQS 129

QY 218 TEADSGTPMDIALAVAGY-RKVQVIEN 244
 Db 130 LATEDGFTPLAVALQQHDQVSLIEN 157

Search completed: March 17, 2003, 16:45:07
 Job time : 18 secs

QY 100 QGELDOLKEHURKGDNIVNKPDPERGFPLIWAASFGETETVRELLWGADEPHILAKERES 159
 Db 40 KGHLDMVRFELLEAGAOEQHKDEM-HYALMEACMDGHVEVARLILDSGAQVNMPADSFEV 98

